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Dated: 5-18-05

Signature:   
(Rhea Amid)

Patent  
Docket No. 246152025100

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Richard ALBANG et al.

Serial No.: 10/524,983

Filing Date (Int'l): August 15, 2003

For: NOVEL LIPASES AND USES THEREOF

Examiner: Not Yet Assigned

Group Art Unit: Not Yet Assigned

**INFORMATION DISCLOSURE  
STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98**

MS PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. §1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO/SB/08a/b. Copies of foreign documents and non-patent literature are submitted herewith. The Examiner is requested to make these documents of record.

The document numbers 13, 25, 27, 30-35, and 37-39 listed on the attached Form PTO/SB/08a/b were cited in an International Search Report mailed on August 19, 2004, directed to a counterpart international or foreign application and have not been previously cited. Due to length, document number 25 is submitted on CD-R.

This Information Disclosure Statement is submitted:

- ☐ With the application; accordingly, no fee or separate requirements are required.
- ☐ Before the mailing of a first Office Action after the filing of a Request for Continued Examination under § 1.114. However, if applicable, a certification under 37 C.F.R. § 1.97 (e)(1) has been provided.
- ☒ Within three months of the application filing date or before mailing of a first Office Action on the merits; accordingly, no fee or separate requirements are required. However, if applicable, a certification under 37 C.F.R. § 1.97 (e)(1) has been provided.
- ☐ After receipt of a first Office Action on the merits but before mailing of a final Office Action or Notice of Allowance.
  - ☐ A fee is required. A check in the amount of \_\_ is enclosed.
  - ☐ A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached to this submission in duplicate.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above; accordingly; no fee is believed to be due.
- ☐ After mailing of a final Office Action or Notice of Allowance, but before payment of the issue fee.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above and a check in the amount of \_\_ is enclosed.
  - ☐ A Certification under 37 C.F.R. § 1.97(e) is provided above and a Fee Transmittal form (PTO/SB/17 is attached to this submission in duplicate.)

Applicants would appreciate the Examiner initialing and returning the Form PTO/SB/08a/b, indicating that the information has been considered and made of record herein.

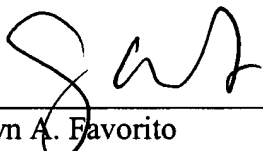
The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist;

(iii) the information, protocols, results and the like reported by third parties are accurate or enabling;  
or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent and Trademark Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. § 1.17 (p)) is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petition and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 246152025100.

Dated: May 17, 2005

Respectfully submitted,

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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/524,983
				Filing Date (Int'l)	August 15, 2003
				First Named Inventor	Richard ALBANG
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	246152025100

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	1.	US-4,433,092	02-21-1984	Nemeth	
	2.	US-4,567,046	01-28-1986	Inoue et al.	
	3.	US-4,631,211	12-23-1986	Houghten	
	4.	US-4,704,692	11-03-1987	Ladner	
	5.	US-4,708,781	11-24-1987	Poorten	
	6.	US-4,946,778	08-07-1990	Ladner et al.	
	7.	US-5,194,392	03-16-1993	Geysen	
	8.	US-5,223,409	06-29-1993	Ladner	
	9.	US-5,480,971	01-02-1996	Houghten et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	10.	EP-0 426 211	11-24-1993	Unilever NV		
	11.	EP-0 619 947	10-19-1994	Gist-Brocades NV		
	12.	EP-0 659 344	06-28-1995	DSM NV		
	13.	EP-0 687 734	12-20-1995	Solvay		
	14.	JP-60-78529	05-04-1985	Kyowa		
	15.	JP-62-111629	05-22-1987			
	16.	JP-63-258528	10-26-1988	Notomi		
	17.	WO-90/02809	03-22-1990	Ladner		
	18.	WO-91/17271	11-14-1991	Dower		
	19.	WO-92/01047	01-23-1992	McCafferty		
	20.	WO-92/09690	06-11-1992	Garrard		
	21.	WO-92/15679	09-17-1992	Markland		
	22.	WO-92/18619	10-29-1992	Kang		
	23.	WO-92/20791	11-26-1992	Winter		
	24.	WO-93/01288	01-21-1993	Breitling		
	25.	WO-00/56762	09-28-2000	Novonordisk		
	26.	WO-01/11974	02-22-2001	DSM		
	27.	WO-01/27251	04-19-2001	Novozymes		
	28.	WO-02/26044	04-04-2002	DSM		
	29.	WO-02/49441	06-27-2002	DSM		

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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sd-258050

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/524,983
				Filing Date (Int'l)	August 15, 2003
				First Named Inventor	Richard ALBANG
				Art Unit	Not Yet Assigned
				Examiner Name	Not Yet Assigned
Sheet	2	of	2	Attorney Docket Number	246152025100

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	30.	DATABASE EMBL 'Online!' November 30, 2000, XP00278120 retrieved from EBI Accession No. AF315651	
	31.	DATABASE EMBL 'Online!' September 20, 2000, XP002278119 retrieved from EBI Accession No. BE760259	
	32.	DATABASE GENESEQ 'Online!' XP002280788 retrieved from EBI Accession No. AAF11551	
	33.	DATABASE UNIPROT 'Online!' June 1, 2003, XP002278118 retrieved from EBI Accession No. Q876R3	
	34.	DATABASE UNIPROT 'Online!' October 1, 1993, XP002278121 retrieved from EBI Accession No. P32946	
	35.	DATABASE UNIPROT 'Online!' October 1, 1993, XP002278122 retrieved from EBI Accession No. P32949	
	36.	International Search Report for PCT/EP03/09145, mailed on August 19, 2004, 10 pages	
	37.	NAMBOODIRI et al., Lipids (2000) 35:495-502	
	38.	SUGIHARA et al., Agricultural and Biological Chemistry (1988) 52:1591-1592	
	39.	TOROSSIAN et al., Biotechnology and Applied Biochemistry (1991) 13:205-211	

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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sd- 258050